

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/081,737

DATE: 05/29/98
TIME: 07:49:48

INPUT SET: S26213.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANTS: Liu, Qingyun
6 Chen, Fang
7
8 (ii) TITLE OF INVENTION: Human Uncoupling Protein 3
9
10 (iii) NUMBER OF SEQUENCES: 21
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Merck & Co., Inc.
14 (B) STREET: P.O. Box 2000 RY60-30
15 (C) CITY: Rahway
16 (D) STATE: NJ
17 (E) COUNTRY: US
18 (F) ZIP: 07065-0907
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (viii) ATTORNEY/AGENT INFORMATION:
32 (A) NAME: Hand, J. Mark
33 (B) REGISTRATION NUMBER: 36,545
34 (C) REFERENCE/DOCKET NUMBER: 19959Y
35
36 (ix) TELECOMMUNICATION INFORMATION:
37 (A) TELEPHONE: 732/594-3905
38 (B) TELEFAX: 732/594-4720
39
40
41 (2) INFORMATION FOR SEQ ID NO:1:
42
43 (i) SEQUENCE CHARACTERISTICS:
44 (A) LENGTH: 404 base pairs
45 (B) TYPE: nucleic acid
46 (C) STRANDEDNESS: double

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47 (D) TOPOLOGY: linear

48

49 (ii) MOLECULE TYPE: cDNA

50

51

52

53

54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

55

56 GGTGACCTAC GACATCCTCA AGGAGAAGCT GCTGGACTAC CACCTGCTCA CTGACAACCTT 60

57

58 CCCCTGCCAC TTTGTCTCTG CCTTTGGAGC CGGCTTCTGT GCCACAGTGG TGGCATCCCC 120

59

60 GGTGGACGTG GTGAAGACCC GGTATATGAA CTCACCTCCA GGCCAGTACT TCAGCCCCCT 180

61

62 CGACTGTATG ATAAAGATGG TGGCCCAGGA GCGCCACCAG CCTTCTACAA GGGATTTACA 240

63

64 CCCTCCTTTT TGCCTTTGGG ATCCTGGAAC GTGGTGATGT TCGTAACCTA TGAGCAGCTG 300

65

66 AAACGGGCCC TGATGAAAGT CCAGATGTTA CGGGAATCAC CGTTTTGAAC AAGACAAGAA 360

67

68 GGCCACTGGT AGCTAACGTG TCCGAAACCA GTTAAGAATG GAAG 404

69

70 (2) INFORMATION FOR SEQ ID NO:2:

71

72 (i) SEQUENCE CHARACTERISTICS:

73 (A) LENGTH: 405 base pairs

74 (B) TYPE: nucleic acid

75 (C) STRANDEDNESS: double

76 (D) TOPOLOGY: linear

77

78 (ii) MOLECULE TYPE: cDNA

79

80

81

82

83 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

84

85 GGTGACCTAC GACATCCTCA AGGAGAAGCT GCTGGACTAC CACCTGCTCA CTGACAACCTT 60

86

87 CCCCTGCCAC TTTGTCTCTG CCTTTGGAGC CGGCTTCTGT GCCACAGTGG TGGCATCCCC 120

88

89 GGTGGACGTG GTGAAGACCC GGTATATGAA CTCACCTCCA GGCCAGTACT TCAGCCCCCT 180

90

91 CGACTGTATG ATAAAGATGG TGGCCCAGGA GCGCCACCAG CCTTCTACAA GGGATTTACA 240

92

93 CCCTCCTTNT TTGCGTTTGG GATCCTGGAA CGTGGTGATG TTCGTAACCT ATGAGCAGCT 300

94

95 GAAACGGGCC CTGATGAAAG TCCAGATGTT ACGGGAATCA CCGTTTTGAA CAAGACAAGA 360

96

97 AGGCCACTGG TAGCTAACGT GTCCGAAACC AGTTAAGAAT GGAAG 405

98

99 (2) INFORMATION FOR SEQ ID NO:3:

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100
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 159 base pairs
103 (B) TYPE: nucleic acid
104 (C) STRANDEDNESS: double
105 (D) TOPOLOGY: linear
106
107 (ii) MOLECULE TYPE: cDNA
108
109
110
111
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
113
114 CGAGCAGCTG AAACGGGCCC TGATGAAAGT CCAGATGTTA CGGGNATCAC CGTTTTGAAC 60
115
116 AAGACAAGAA GGCCACTGGT AGCTAACGTN TCCGAAACCA GTTAAGATTG GAAGAAAACG 120
117
118 GTCCATCCAC GNACACATGG ACACAGACCC ACACATNTT 159
119
120 (2) INFORMATION FOR SEQ ID NO:4:
121
122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 484 base pairs
124 (B) TYPE: nucleic acid
125 (C) STRANDEDNESS: double
126 (D) TOPOLOGY: linear
127
128 (ii) MOLECULE TYPE: cDNA
129
130
131
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
134
135 TTTTTTTTGT TCTTACTCCC ACACCTAAGG TGGAANTTCT TTTATTGAGT CATAATAATT 60
136
137 TCCCGAGAAT TCCGAGTCCT GCTACTTTAG GTTCTTGCCC AGGAATCCAC CTCTTTTCCC 120
138
139 CCAAGCCCAA CAATCCTTTG AGGTACTCAT GATTGAGCGC GTGGTGGGGG GGGGTGGGGA 180
140
141 AGAGGCTGCA TGGGGGTGGG GCTCCTGTGG CTTACGTCA TCCACTGTCA CCTCTGGTCC 240
142
143 CCAAGTCTCT GGATCCTTTG GTCTCACCTC TAGACAACCG GCGGGGTTC AACTTCTTC 300
144
145 CCTGGCAACT CCTCTCTGTC CCGACAAAAT CTCTCCCAAG GCATTGTCCT TGTAGTTAGA 360
146
147 TTTACACAGA GCTTTTGCTT TTATAAAGTG CGTTCATGCC CAGCTTCTCA CTTGCATGTC 420
148
149 ATAGCACCCC TGGTGAGGTG GACAGGGAAG GGATGGCTCC CTCCATTTTG TAGGAAAGTN 480
150
151 GGGG 484
152

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153 (2) INFORMATION FOR SEQ ID NO:5:

154

155 (i) SEQUENCE CHARACTERISTICS:

156 (A) LENGTH: 24 base pairs

157 (B) TYPE: nucleic acid

158 (C) STRANDEDNESS: single

159 (D) TOPOLOGY: linear

160

161 (ii) MOLECULE TYPE: other nucleic acid

162 (A) DESCRIPTION: /desc = "oligonucleotide"

163

164

165

166

167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

168

169 AAGCTGCTGG ACTACCACCT GCTC

24

170

171 (2) INFORMATION FOR SEQ ID NO:6:

172

173 (i) SEQUENCE CHARACTERISTICS:

174 (A) LENGTH: 22 base pairs

175 (B) TYPE: nucleic acid

176 (C) STRANDEDNESS: single

177 (D) TOPOLOGY: linear

178

179 (ii) MOLECULE TYPE: other nucleic acid

180 (A) DESCRIPTION: /desc = "oligonucleotide"

181

182

183

184

185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

186

187 TACTGCCCTG GAGGTGAGTT CA

22

188

189 (2) INFORMATION FOR SEQ ID NO:7:

190

191 (i) SEQUENCE CHARACTERISTICS:

192 (A) LENGTH: 21 base pairs

193 (B) TYPE: nucleic acid

194 (C) STRANDEDNESS: single

195 (D) TOPOLOGY: linear

196

197 (ii) MOLECULE TYPE: other nucleic acid

198 (A) DESCRIPTION: /desc = "oligonucleotide"

199

200

201

202

203 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

204

205 CCAAGCCCAA CAATCCTTTG A

21

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206

(2) INFORMATION FOR SEQ ID NO:8:

208

209

(i) SEQUENCE CHARACTERISTICS:

210

(A) LENGTH: 21 base pairs

211

(B) TYPE: nucleic acid

212

(C) STRANDEDNESS: single

213

(D) TOPOLOGY: linear

214

215

(ii) MOLECULE TYPE: other nucleic acid

216

(A) DESCRIPTION: /desc = "oligonucleotide"

217

218

219

220

221

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

222

223

CCAAAGGATC CAGAGACTTG G

21

224

225

(2) INFORMATION FOR SEQ ID NO:9:

226

227

(i) SEQUENCE CHARACTERISTICS:

228

(A) LENGTH: 25 base pairs

229

(B) TYPE: nucleic acid

230

(C) STRANDEDNESS: single

231

(D) TOPOLOGY: linear

232

233

(ii) MOLECULE TYPE: other nucleic acid

234

(A) DESCRIPTION: /desc = "oligonucleotide"

235

236

237

238

239

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

240

241

TTGTGTGGAA TTGTGAGCGG ATAAC

25

242

243

(2) INFORMATION FOR SEQ ID NO:10:

244

245

(i) SEQUENCE CHARACTERISTICS:

246

(A) LENGTH: 22 base pairs

247

(B) TYPE: nucleic acid

248

(C) STRANDEDNESS: single

249

(D) TOPOLOGY: linear

250

251

(ii) MOLECULE TYPE: other nucleic acid

252

(A) DESCRIPTION: /desc = "oligonucleotide"

253

254

255

256

257

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

258

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SEQUENCE VERIFICATION REPORT
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Line

Error

Original Text